

## Technical Data Sheet

### EuroFoam 0117 (Soft Foam)

MDI (diphenyl methane diisocyanate)

#### PRODUCT DESCRIPTION

EuroFoam 0117 (Soft Foam) is a diphenyl methane diisocyanate (MDI) based composition.

#### TYPICAL PROPERTIES

Properties	Value	Unit	Method
Appearance	brown liquid		
Density (25 °C)	1.18	g/cm <sup>3</sup>	PU/SPG-1
Viscosity (25 °C)	250	mPa.s	PU/VIS-1
NCO value	25.2	%	PU/IV-1
Flash point	190	°C	ASTM D 92 DIN 51755 (Cleveland Open Cup)

DENSITY OF LIQUID @ 25°C: 1.08 g/cm<sup>3</sup>

VISCOSITY @ 25°C: 950 Mpa /S

MIXING RATIO: Part A 100 : 70 Part B (by weight)

CREAM TIME @ 20°C: 11 seconds

STIRRING TIME @ 20°C: 7 seconds

END OF RISE TIME @ 20°C: 90 seconds

FREE RISE DENSITY: 60 kg/m<sup>3</sup>

#### HANDLING AND STORAGE

The storage life of EuroFoam 0117 (Soft Foam) is 4.5 months from arrival at the customer, when stored at 20 - 30 ° C (68 -86 °F) and if protected from humidity and contaminants, i.e. in properly sealed drums, cans, etc.. When stored at lower temperatures, the increasing viscosity of the product might make it difficult to ensure good mixing with the other component of the formulation during the production process. Should it even be necessary to melt out EuroFoam 0117 (Soft Foam) due to crystallisation of the product, melting procedures can be provided on request (only for packed products). Storage at temperatures above 50°C is not recommended, since this can lead to the formation of insoluble solids and also the viscosity build-up increases on extended storage. EuroFoam 0117 (Soft Foam) is best stored under an atmosphere of dry air or nitrogen. These stated conditions are only ment for storage purposes. Please note that temperatures and conditions during transport may vary from these mentioned values. These deviations during transport are normally short term effects and should not affect the quality of the product. If quality effects are suspected an appropriate transport mode can be foreseen.

#### ENVIRONMENT, HEALTH AND SAFETY

The safety and health information in this bulletin is summarized and does not contain sufficient details for safe handling in all cases. For detailed safety and health information, please look up the Material Safety Data Sheet, which is available on request.

During handling, the product must be protected from water ingress and from atmospheric moisture. Containers should be re-sealed immediately after each sampling. The reaction of isocyanates with water leads to the formation of insoluble urea's and carbon dioxide gas, which can lead to pressure build-up in closed containers. Containers used for EuroFoam 0117 (Soft Foam) must therefore be absolutely dry. The precautions necessary when handling EuroFoam 0117 (Soft Foam).



2528 i.e., MDI, and the decontamination procedures recommended to be used in case of spillage are described fully in the publication PU 193-1E MDI-based compositions : Hazards and safe-handling procedures (available in different languages). It is recommended to read this document before use.

**For further information, please contact your nearest sales office:** [sales@europoluk.com](mailto:sales@europoluk.com)

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